

Title (en)
Device for applying a tissue adhesive.

Title (de)
Vorrichtung zur Applikation eines Gewebeklebstoffes.

Title (fr)
Dispositif pour l'application d'une colle pour tissus.

Publication
EP 0156098 A2 19851002 (DE)

Application
EP 84890253 A 19841221

Priority
AT 106384 A 19840329

Abstract (en)
[origin: ES8603254A1] Appts. for applying a tissue adhesive onto wounds (of people or animals) comprises a series of small containers for the having a standard conical end or other connecting piece. These connecting pieces are fitted into a connecting head containing the ducts for the components. In addition, a further duct for a medicinal gas is incorporated in the connecting head and leads close to and parallel to the other ducts at their outlet point from the connecting heat. Here the connecting head continues either as a multi-duct catheter contg. a gas duct or as a mixer duct. The connecting head may be formed in one piece with the multi-channelled catheter. - Where a mixer duct is used, this contains depressions and projections to improve turbulence and thus mixing.
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Abstract (de)
Bei einer Vorrichtung zur Applikation eines Gewebeklebstoffes, der durch Zusammenbringen von Lösungen von Proteinen und blutgerinnungsfördernden Gerinnungsfaktoren in situ gebildet wird, sind eine Mehrzahl von in Anschlußstücken (25, 26) endigende Behälter (1, 2) zur Aufnahme der zu applizierenden Komponenten vorgesehen, wobei auf die Anschlußstücke (25, 26) der Behälter (1, 2) ein Verbindungskopf (27) aufsetzbar ist, der für jede der zu applizierenden Komponenten einen eigenen Förderkanal (28, 29) aufweist. Um mit der Vorrichtung auch schwer zugängliche Applikationsbereiche zu erreichen, wobei eine während einer Behandlung notwendige Unterbrechung des Flusses der zu mischenden Komponenten ohne Auswechslung von Teilen der Vorrichtung möglich ist, besitzt der Verbindungskopf (27) einen zusätzlichen Förderkanal (30) für ein medizinisches Gas, der parallel und eng benachbart zu den übrigen Förderkanälen zur Stirnseite des Verbindungskopfes (27) führt, und setzt sich der Verbindungskopf (27) entweder in einen mehrlumigen, einen Gasförderkanal (30) enthaltenden Katheter (31) oder in eine Mischkanüle (36) fort.

IPC 1-7
A61M 35/00; **A61M 5/18**

IPC 8 full level
A61L 24/00 (2006.01); **A61B 17/00** (2006.01); **A61B 17/04** (2006.01); **A61L 26/00** (2006.01); **A61M 3/00** (2006.01); **A61M 5/178** (2006.01); **A61M 35/00** (2006.01); **B05B 7/04** (2006.01)

CPC (source: EP US)
A61B 17/00491 (2013.01 - EP US); **A61M 3/005** (2013.01 - EP US); **A61B 2017/00495** (2013.01 - EP US)

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US7081103B2; US7207969B2; US6644365B1; AT421U1; EP0302410A3; EP0294672A1; FR2668060A1; EP0292472A1; EP0768519A3; CH709684A1; EP0738498A1; US5740965A; AT400304B; US5665067A; EP0424068A3; EP0302411A3; AU631686B2; US6461361B1; US7018357B2; US9622731B2; WO2009097271A1; US6733472B1; WO2012150254A1; WO9107197A1; WO2015176905A1; EP0634140B1; US6475183B1; US6488650B1; US6942639B2; US6860870B2; US6575940B1; US6926695B2; US7934603B2; US10849931B2

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